

TEPPER, S. Ya.

TEPPER S. IA.

K voprosu o narusheniakh gemodinamiki pri gipertonicheskoi
bolezni. /Hemodynamic disorders in hypertension/ Klin. med.,
Moskva 29:6 June 51. p. 84.

1. Of the Clinic of Propedeutic Therapy (Director--Prof. V. A.
Klinovitskiy), Kyrgyzskiy Medical Institute, Kyrgyzskiy.

TEMPER, Yu. B. Cand Med Sci -- (diss) "On the ^oproblem of the mechanism of action
of proserine and eserine upon the central nervous system." Khabarovsk, 1959.
15 pp (Khabarovsk State Med Inst), 220 copies (KL, 52-59, 127)

SOROKHTIN, G.N.; TEMPER, Yu. B.

Nature of spinal shock. Report No.1: Hyperpolarization in spinal shock.
Biul. eksp. biol. med. 47 no.2:27-31 F '59. (MIRA 12:4)

1. Iz kafedry fiziologii (zav. - prof. G.N. Sorokhtin) Khabarovskogo
meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN
SSSR P.K. Anokhinym.

(SPINAL CORD, physiol.

spinal shock in frogs. hyperpolarisation state in (Rus))

SOROKHTIN, G.N.; MINUT-SOROKHTINA, O.P.; TEMPER, Yu.B.

Nature of spinal shock. Report No.3: State of the afferent neurons
in spinal shock. Biol. eksp. biol. i med. 48 no.9:16-20 S '59.

(MIRA 13:1)

1. Iz kafedry fiziologii (zaveduyushchiy - prof. G.N. Sorokhtin)
Khabarovskogo meditsinskogo instituta. Predstavlena deystvitel'ny
chlenom AMN SSSR V.N. Chernigovskim.
(SPINAL CORD physiol.)

MINUT-SOROKHTINA, O.P.; SOROKHTIN, G.N.; TEMPER, Yu.B.

Atonia of the respiratory center in frog. Fiziol. zhur. 46 no.3:299-304 Mr '60. (MIRA 14:7)

1. From the Chair of Physiology, Medical Institute, Khabarovsk.
(RESPIRATION) (VAGUS NERVE—SURGERY)
(ELECTROPHYSIOLOGY)

SOROKHTIN, G.N.; MINUT-SOROKHTINA, O.P.; TEMPER, Yu.B.

Problem of the nature of spinal shock. Report No.1: Atony of the motor neuron in spinal shock. Biul. eksp. biol. i med. 49 no.2:65-67 F '60. (MIRA 14:5)

1. Iz kafedry fiziologii (zav. - prof. G.N.Sorokhtin) Khabarovskogo meditsinskogo instituta. Predstavlena deystvitel'nyim chlenom AMN SSSR V.V.Parinym.

(SPINAL CORD)

TEMPER, Yu.B.

Physiology of the respiratory center in the frog. Fiziol. zhur. 48
no.2:159-164 F '62. (MIRA 15:2)

1. From the Department of Physiology, Medical Institute, Khabarovsk.
(MEDULLA OBLONGATA) (RESPIRATION)

MINUT-SOROKHTINA, O.P.; SOROKHTIN, G.N.; TEMPER, Yu.B.

Nature of narcotic sleep. Fiziol.zhur. 48 no.6:638-645 Je '62.

(MIRA 15:8)

1. From the Department of Physiology, Medical Institute, Khabarovsk.
(ANESTHESIA)

MINUT-SOROKHTINA, O.P.; SOROKHTIN, G.N.; TEMPER, Yu.B.

Polarization potential of the brain during dying. Fizio. zhur.
48 no.8:893-898 Ag'62. (MIRA 16:6)

1. From the Department of Physiology, Medical Institute,
Khabarovsk.

(ELECTROENCEPHALOGRAPHY) (DEATH)

RYZHOVA-ZENINA, Ye. I.

RYZHOVA-ZENINA, A.P.; TEMPERAMENTOVA, Ye. I.

Simultaneous work of the medical school department and hospital
in the training of physicians. Sov.zdrav. 16 no.4:35-39 Ap '57.

(MIRA 10:8)

1. Iz kafedry detskikh infektsionnykh bolezney (zav. - dotsent
A.P.Ryzhova-Zenina) Gor'kovskogo meditsinskogo instituta imeni
S.M.Kirova (dir. - dotsent N.N.Mizinov) i Infektsionnoy bol'nitsy
No.8 (glavnyy vrach Ye.I.Temperamentova)

(EDUCATION, MEDICAL,

in Russia, cooperation of schools with hosp. (Rus))

FAYERMAN, N.N.; TEMPERAMENTOVA, Ye.I.; LAVROVA, A.F.; RASKINA, S.M.;
VLADYKINA, O.K.

Role of the communicable diseases hospital in eradicating
diphtheria. Vop. okh. mat. i det. 6 no.8:63-66 Ag '61.
(MIRA 14:1)

1. Iz kafedry detskikh infektsiy Gor'kovskogo meditsinskogo instituta
(zav. - dotsent N.N.Fayerman), 8-y infektsionnoy bol'nitsy (glavnyy
vrach Ye.I.Temperamentova) i 23-y infektsionnoy bol'nitsy (glavnyy
vrach S.M.Raskina).
(DIPHTHERIA__PREVENTION) (COMMUNICABLE DISEASES__HOSPITALS)

TEMPEYA, Valeriy, doktor meditsiny; KHOROVITS, Filipp [Horowitz, F.], doktor med. nauk.

Sarcomatous metastases in the mastoid process from the lungs. Vest. otorin 21 no.2:91-92 Mr-Apr '59. (MIRA 12:4).

1. (Iz Bukharestskogo mediko-farmetsevticheskogo instituta i iz klinicheskoy bol'nitsy imeni prof. Kantakuzino, Bukharest)
(LUNG NEOPLASMS, case reports,
sarcoma, metastases to mastoid process (Rus))
(MASTOID, neoplasms,
sarcoma, metastatic from lungs (Rus))
(SARCOMA, case reports,
mastoid, metastatic from lungs (Rus))

TEMER, Zdenek, inz. CSc.

Symposium on the historical study of agricultural equipment
development. Vest ust. zeměděl. 11 no.6:237 '64.

TEMPIR, Zdenek, inz. CSc.; SESULKA, Bohumil

From the activities of the Czechoslovak Museum of Agriculture.
Vest ust zemedel 12 no.4:188-195 '65.

1. Institute of Scientific and Technical Information of the
Ministry of Agriculture, Forestry, and Water Resources, Prague.

TEMPKA, D.; CEMBALA, M.; KOWALCZYK, I.; URASINSKI

The Thyroidogram. Acta medica polona (Warszawa) 1 no.3/4:8-123
'60

1. From the II Clinic of Internal Diseases of the Medical Academy
in Cracow Director: Professor T. Tempka M.D. and the Commission of
Medical Sciences of the Cracow Branch of the Polish Academy of
Sciences.

(THYROID GLAND anat & histol)

TEMPKA, T.

Latest achievements in the field of hematology. Szpital.polsk. 3
no.2-3:353-405 1950. (CIWL 20:6)

1. Krakow. Author is a professor and M.D. Speech given at 1st Congress of Polish Hematologists held in Krakow in May 1950.

TEMPKA, T.

Neurogenic factor in pathogenesis of peptic ulcer. Polski
tygod. lek. 6 no.8:241-250 19 Feb 1951. (CML 20:11)

1. Krakow.

TEMPKA, T.

Megakaryocytes as Sternberg cells. Przegl. Lek., Krakow 7 no.10:359-369 1951.
(CML 21:5)

1. Of the Second Clinic of Internal Diseases (Head--Prof. T. Tempka, M.D.) of Krakow Medical Academy.

~~TEMPKA, T.~~, prof. Dr.; KUBICZEK, M.; FENCZYN, J.; GEMBALA, D.;
KOSTKOWSKI, A.; CICHECKA, K.; KOWALCZYK, M.

Onkobiogram. A phase picture of a tumor cell. Przegl. lek.
Krakow 10 no.12a:339-347 Dec 54.

1. Z II kliniki chorob wewnetrznych A.M. w Krakowie. Kierownik
prof. dr. T.Tempka
(NEOPLASMS, diagnosis
cell biomorphology)

EXCERPTA MEDICA Sec 6 Vol 14/6 Internal Med. June 60

3798. THE TARGET CELLS OUTSIDE OF THALASSAEMIA WITH A SPECIAL CONSIDERATION OF TRUE ERYTHRAEMIA - Krwink. czerwone tarczowate poza talassemia ze szczególnym uwzględnieniem czerwienicy prawdziwej (choroby Vaqueza) - Tempka T., Hanicki Z. and Stypulkowski C. II Klin. Chor. Wewn. A.M., Krakow - POL. ARCH. MED. WEWNET, 1958, 28/11 (1450-1466) illus. 8

In 2 patients with sideropenic anaemia, 1 patient with Hodgkin's disease, and 2 patients with true erythraemia the presence of red target cells in peripheral blood was observed. The presence of target cells in polycythaemia is a rarity. In the case of polycythaemia, no Hb F was found, but in the electrophoretic and spectrometric examination various features of true erythraemia were demonstrated.

Szirigiel - Cracow

TEMPKA, Tadeusz; KOSTKOWSKI, Andrzej

Angiopathy as an immunodysproteinic disease, with special reference to Buerger's disease. Polskie arch. med. wewn. 28 no.5:698-702 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Krakowie. Kierownik: prof. dr nauk med. T. Tempka. Adres autora: II Klinika Chorob Wewnętrznych A.M. w Krakowie. Krakow, u. Kopernika 15.

(THROMBOANGIITIS OBLITERANS, case reports
immuno. aspects & blood proteins (Pol))
(BLOOD PROTEINS, in var. dis.
thromboangiitis obliterans (Pol))

TEMPKA, T.

In memoriam Prof. Mieczysław Kubiczek, MD. Polskie arch. med. wewn.
29 no.4:431-433 1959.
(OBITUARIES)

TEMPKA, Tadeusz; KOSTKOWSKI, Andrzej; STYPULKOWSKI, Czery

Factor IX deficiency, Christmas disease, in two brothers. Polskie arch.
med. wewn. 39 no.1:69-77 1959.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Krakowie Kierownik: prof.
dr nauk med. T. Tempka. Adres autora: Krakow, ul. Sw. Jana 1.

(HEMOPHILIA, case reports,

Christmas dis. in brothers (Pol))

TEMPKA, T.; KOSTKOWSKI, A.; MACIEJEWSKA, Gr.; PRZYBYLKIEWICZ, Z.;
LASKOWNICKA, Z.; KOWALCZYKOWA, J.; NOWAK, K.

Cryptococcus septicemia (torulosis) in the light of personal investigations, with special reference to the use of phase microscopy in the diagnosis. Acta medica polona (Warszawa) 1 no. 3/4:249-258 '60.

1. II Clinic of Internal Diseases of the Medical Academy in Cracow. Director: Professor T. Tempka M.D. (for Tempka, Kostkowski, Maciejewska). 2. Department of Medical Microbiology of the Medical Academy in Cracow. Director: Professor Z. Przybylkiewicz M.D. (for Przybylkiewicz, Laskownicka) 3. Department of Pathological Anatomy of the Medical Academy in Cracow. Director: Professor J. Kowalczykowa M.D. (for Kowalczykowa, Nowak)

(CRYPTOCOCCOSIS diag) (SEPTICEMIA diag)

TEMPKA, Tadeusz; HANICKI, Zygmunt; URASINSKI, Ignacy

Pelger-Huet anomaly associated with limited partial albinism.
Cytochemical studies on Pelger's blood cells. Polskie arch.
med. wewn. 31 no.4:583-588 '61.

1. Z II Kliniki Chorob Wewn AM w Krakowie Kierownik: prof. dr
n. med. T. Tempka.

(LEUKOCYTES) (ALBINISM compl)

TEMPKA, Tadeusz

The 8th Congress of the European Hematological Society.
Nauka polska 10 no.3:111-117 My-Je '62.

1. Członek rzeczywisty Polskiej Akademii Nauk, Warszawa.

TEMPKA, Tadeusz; KOSTKOWSKI, Andrzej; GLOWACKA, Anna

Effect of the latest sun eclipse on February 15, 1961 on the behavior of blood coagulation in the Krakow Region with special reference to thromboelastographic studies in a normal subject. Pol. med. wewn. 32 no.7:737-742 '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Krakowie Kierownik: prof. dr med. T. Tempka.

(THROMBOELASTOGRAPHY) (SUNLIGHT)

TEMPKA, Tadeusz

Jozef Dietl (1804-1878). Pol. tyg.lek. 18 no.50:1903-1904
9 D*63.

*

TEMPKA, Tadeusz; CEMBALA, Damian; KOWALCZYK, Mieczyslaw; URASINSKI, Ignacy.

Phase contrast and dark field microscopy of pituitary biopsy, with special reference to the behavior of neurosecretion. Acta med. pol. 5 no.1:1-14 '64

1. Commission of Medical Sciences of the Cracow Branch of the Polish Academy of Sciences (Director: Prof.Dr. T.Tempka) and IInd Clinic of Internal Diseases, Medical Academy, Cracow (Director: Prof.Dr. T.Tempka).

*

TEMPKA, Tadeusz (Krakow)

Tenth Convention of the International Society of Haematology,
Stockholm, August 30-September 4, 1964. Nauka polska 13 no.1:
123-127 Ja-F '65.

1. Member of the Polish Academy of Sciences. Submitted October
1964.

BULGARIA

TEMPKOV, Iv., DITSOVA, An., MEVORAKH, E., VASILEVA, B.

"Therapeutic Effect of the Neuroleptics Fluphenazin (Lyogen) and Butyrylperazin (Randolectil)"

Sofia, Suvremenna Meditsina, Vol 17, No 1, 1966, pp 39-44.

Abstract: Results of treatment of psychoses with the phenothiazine derivatives Lyogen and Randolectil are reported. It was found that Lyogen had a slightly euphorizing effect. Randolectil was well tolerated by a patient who was allergic to a great number of psychopharmacological agents. In the authors' experience, if an obvious therapeutic effect was not produced by a neuroleptic drug after treatment for 30 days, further treatment with this drug served no useful purpose. A selective, individual response of patients to treatment with psychotropic drugs was observed, which did not depend on the nature of the disease, but solely on the chemical constitution of the drug. Russian and English summaries. Manuscript received Sep 65.

1/1

- 43 -

TEMPRYAZAN, A. G.

"Industrial Crossing as an Effective Method of Increasing Productivity in Swine Husbandry." Cand Agr Sci, Inst of Animal Husbandry, Ministry of Agriculture and Procurement Armenian SSR, Yerevan, 1953. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

REICHER, Eleonora, prof. dr.; RAJPERT, Danuta; TEMESKA, Krystyna, dr.
KOWALCZEWSKA, Danuta, mgr.

Variation of various tests in the acute phase and Waaler-Rose's
reaction in the treatment and rehabilitation of adolescents with
generalized progressive polyarthritis. Reumatizam 12 no.1: 1-2 '65

1. Reumatoloski institut, Warszawa.

TEMPSKI, Julian; OLSZEWSKA, Zofia

Results of accelerated treatment of penicillin based on penicillin at the Dermatological Clinic of the Academy of Medicine in Lodz during the period 1948- May, 1952. Polski tygod. lek. 9 no.26:805-810 26 June 54.

1. Z Kliniki Dermatologicznej A.M. w Lodzi, Kierownik prof. dr med. St.Kapuscinski.

(SYPHILIS, therapy,

penicillin with other drugs, accelerated technic)

(PENICILLIN, therapeutic use,

syphilis, with other drugs, accelerated technic)

TEMPSKI, Julian; DZIECIOLOWSKI, Gyzmunt; SIKOROWA, Wanda

Agranulocytosis during therapy of syphilis. Przegl.derm. Warsz.
5 no.3:205-212 My-Je '55.

1. Z Kliniki Dermatologicznej A.M. w Lodzi w dyrektora: dr. H.
Prochacki. i z I Kliniki Chorob Wewnetrznych A.M. w Lodzi.
Dyrektor: prof. dr J.W. Grott. Lodz, Klinika Dermatologiczna
Akademii Medycznej, Tramwajowa 15.

(AGRAMULOCYTOSIS, etiology and pathogenesis,
arsenical & bismuth ther. of syphilis)

(SYPHILIS, therapy,
arsenical & bismuth, causing agranulocytosis)

(ARSENICALS, therapeutic use,
syphilis, with bismuth, causing agranulocytosis)

(BISMUTH, therapeutic use,
syphilis, with arsenicals, causing agranulocytosis)

HEYKO-POREBSKI, Jan; TEMPSKI, Julian

Complications in rapid therapy of syphilis with special reference to forced method of combined therapy with penicillin, arsenobenol, and bismuth. Polski tygod. lek. 10 no.3:69-75 17 Jan 55

1. Z Kliniki Dermatologicznej A.M. w Lodzi. Kierownik: prof. dr St. Kapuscinski.

(SYPHILIS, therapy,
arsenobenzene with bismuth & penicillin, compl.)
(ARSPHENAMINES, therapeutic use,
arsenobenzene in syphilis, with bismuth & penicillin, compl.)
(BISMUTH, therapeutic use,
syphilis, with arsenobenzene & penicillin, compl.)
(PENICILLIN, therapeutic use,
syphilis, with arsenobenzene & bismuth, compl.)

TEMPSKI, Julian; OLSZEWSKA, Zofia

Occupational skin diseases related to production of isonicotinic acid hydrazide. Przegl. dermat., Warsz. 6 no.1:29-39 Jan-Feb 56.

1. Z Kliniki Dermatologicznej A. M. w Lodzi Dyredtor: doc. dr J. Lutowiecki Lods, Klinika dermatologiczna Akademii Medycznej, Tramwajowa 15.

(DERMATITIS, CONTACT, etiology and pathogenesis,
isoniazid in workers (Pol))

(NICOTINIC ACID ISOMERS, injurious effects,
isoniazid causing skin dis. in workers (Pol))

TEMPSKI, Julian; CHYLEWSKI, Wlodzimierz

Chloromycetin in the treatment of suppurative skin diseases.
Przegl. dermat., Warsz. 6 no.6:575-584 Nov-Dec 56.

1. Z Kliniki Dermatologicznej A.M. w Lodzi, Dyrektor: doc. dr.
J. Lutowiecki. Lodz, Klinika Dermatologiczna Akademii Medycznej.
ul. Tramwajowa 15.

(CHLORAMPHENICOL, ther. use
skin dis., suppurative (Pol))

(SKIN DISEASES, ther.
chloramphenicol in suppurative dis. (Pol))

TEMPSKI, Julian; OLSZEWSKA, Zofia; HYKO-POREBSKI, Jan

Evaluation of the results of treatment of neurosyphilis by penicillin and fever therapy. Przegl. dermat., Warsz. 7 no.1:39-47 Jan-Feb 57.

1. Z Kliniki Dermatologicznej A. M. w Lodzi Dyrektor: doc. dr J. Intowiecki. Adres: Lodz, Klinika Dermatologiczna Akademii Medycznej, Tramwajowa 15.

(NEUROSYPHILIS, ther.

penicillin alone & with fever ther., comparison (Pol))

(PENICILLIN, ther. use

neurosyphilis, alone & with fever ther., comparison (Pol))

(FEVER THERAPY, in various dis.

neurosyphilis, with penicillin, comparison with penicillin alone (Pol))

ТЕРМАН, А. А.

1630. Промышленное скрещивание, как эффективный метод повышения продуктивности свиноводства. Язовая, 1953. 31с. 19см. (Из-во Сел'ского хозяйства и животноводства. Арм. ССР. Ин-т животноводства). 100 экз. Б. 18.- (54-54223)

30: Книжная летопись, Vol. 1, 1955

TEMRAZIAN, A. G.

"Industrial Crossing as an Effective Method for Increasing the Productivity of Swine Husbandry." Cand Agr Sci, Inst of Animal Husbandry, Min of Agricultural and Procurement Armenian SSR, Voronezh, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No. 598, 29 Jul 55

ARTEM'YEV, S.A.; NYUNIKOVA, O.I.; ZHAROV, A.V.; METAL'NIKOV, B.P.; KISLOVA, T.A.;
STAROSTINA, Z.D.; CHASTIKOVA, A.V.; TEMYANKO, S.A.; IKONNIKOV, N.N.;
ARALOVA, Z.T.; GRISHINA, A.M.

Levomycesin in the treatment of gonorrhea; results of a cooperative
study. Vest. dermat. i ven. 33 no.2:70-73 Mar-Apr '59. (MIRA 12:7)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo
instituta (zav.otdelom gonorei - prof. I.M. Porudominskiy, dir. - kand. med.
nauk N.M. Turanov) Ministerstva zdorookhraneniya RSFSR. 2. Tsentral'nyy
nauchno-issledovatel'skiy kozhno-venerologicheskii institut (for Nyunkova).
 3. Bashkirskiy krayevoy kozhno-venerologicheskii institut (for Zharov).
 4. Gor'kovskiy krayevoy kozhno-venerologicheskii institut (for Temyanko).
 5. Sverdlovskiy krayevoy kozhno-venerologicheskii institut (for Grishina).
- (CHLORAMPHENICOL, ther. use,
gonorrhea (Rus))
(GONORRHEA, ther.
chloramphenicol (Rus))

TEMYANKO, S. I.

"Depot Penicillin Preparations in the Therapy of Acute Uncomplicated Gonorrhea in Women." Cand Med Sci, Gor'kiy Medical Inst, Gor'kiy, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

ROZENBERG, L.I.; BASHKIROVA, N.P.; TEMYANKO, S.L.

Work in training skilled personnel. Zdrav. Ros. Feder. 6 no.3:18-21
Mr '62. (MIRA 15:4)

1. Iz Gor'kovskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo
instituta Ministerstva zdavookhraneniya RSFSR (dir. - kand.med.nauk
O.D.Kochura) i kafedry kozhno-venericheskikh bolezney (zav. -
zasluzhennyy deyatel' nauki prof. M.P.Batunin) Gor'kovskogo meditsin-
skogo instituta imeni S.M.Kirova.

(PUBLIC HEALTH--STUDY AND TEACHING)

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(A,N)

SOURCE CODE: UR/0129/66/000/005/0027/0029

AUTHORS: Lozinskiy, M. G.; Tonyanko, V. G.; Matanzon, Ye. I.

46
47

ORG: Institute of Mechanical Engineering (Institut mashinostroyeniya)

13

TITLE: The use of three-layered U7-30-U7 steel for automobile springs

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 5, 1966, 27-29

TOPIC TAGS: contact stress, shot peening, fatigue strength, spring steel, steel/ U7 steel, 30 steel, 50KhG spring steel

ABSTRACT: The results of a study of three-layered U7-30-U7 steel for automobile springs are given. This material was used to obtain high hardness of the spring-leaf surfaces while preserving a ductile center. The material consists of comparatively thin outer layers of U7 steel and a center layer of 30 steel. In order to obtain a spring band with a thickness of 7 mm after rolling when the thickness of the outer layers of U7 steel is 1.2 mm, the thickness of the blank of U7 steel must be 30 mm before rolling when the total thickness of the packet is 180 mm. Springs of this material are found to have a higher fatigue limit under the influence of contact stresses than 50KhG steel. The fatigue strength of the three-layered steel that has undergone shot peening is 28--30% greater than that of 50KhG steel (see Fig. 1).

15

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Card 1/2

UID: 621.135.3:621.771.8

L 36088-66

ACC NR: AP6016:89

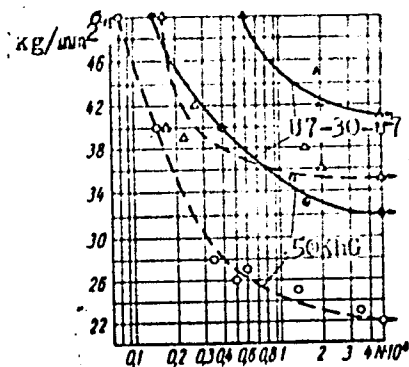


Fig. 1. Fatigue strength of three-layered U7-30-U7 steel and 50KhG steel of standard composition tested under conditions of contact stresses: shot peened; without cold working.

Orig. art. has: 2 graphs and 1 table.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 009

Bimetal

18

16

Card 2/2

TEM YANKO, V.S.

Determination of alumina in (Magnitogorsk) iron ores by electrolysis with mercury cathode. N. N. Lapin and V. S. Temyanko. *Zavodskaya Lab.* 6, 750 (1967). Dissolve 0.5 g. sample in 25 cc. HCl with addn. of 2-3 cc. HNO₃, evap. partially, add 40-50 cc. H₂O and filter. Decomp. the SiO₂ with Na₂CO₃-K₂CO₃, dissolve the mch., filter and unite the 2 filtrates. To remove the excess Ca⁺⁺, Mg⁺⁺ and carbonates, treat the soln. with excess NH₄OH, filter and dissolve the Al(OH)₃ and Fe(OH)₃ in a little 10% H₂SO₄ (100 cc. of the soln. should contain 0.3-0.5 cc. H₂SO₄). Sep. the Fe on the Hg. cathode in the Cain cell at 6-7 v. and 3.5-4 amp., and det. Al in the electrolyte as usual. Chas. Blanc

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SOV/196-10-1-1-1-1

On the Problem of the Characteristics of Polarographic Waves

a) the amount of sector of the residual current before the wave a_p , expressed in volt. The condition of a clear expression of the wave is $a_p \gg 0,1$ V; b) the amount of the sector of the same current behind the wave a_k , also expressed in volt. The condition as above: $a_k \gg 0,1$ V; c) the angle of both the elevation and the end of the wave a_p and a_k in degrees. This characteristic feature depends on the polarographic background and on the presence of foreign substances; d) the angle of the elevation of the sector of the initial current in proportion to the horizontal line of the "background". The introduction of the characteristic makes it possible to determine the position of the wave and to compare different polarograms. The curves from literature and from the present work are given as an example according to the proposed method. The curves are polarograms for gallium (Ref 1), Figure 1 - for solid electrodes (Ref 2). Comparing the curves (see Figure 1) (clear table page 292) the first curve is relatively clear, the second one is not.

On the Problem of the Characteristics of Polarographic Waves

is more extended than the first one. Figure 4 gives the polarogram for gold; Figure 5 that for platinum. In these cases too, the afore-said parameters characterize the distortion and deterioration of the polarographic waves. There are 5 figures, 5 tables, and 2 references, of which are Soviet.

ASSOCIATION: Katedra analiticheskoj khimii Kishinevskogo gosudarstvennogo universiteta (Chair of Analytical Chemistry Kishinev State University)

SUBMITTED: December 3, 1957

Card 3/3

5(2,4)
 AUTHORS: Temyanko, V. S., Bardin, M. B., Lyalikov, Yu. S. SOV/153-2-4-7/32

TITLE: Polarographic Determination of Platinum on a Rotating Platinum Microdisk Electrode

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 4, pp 503 - 508 (USSR)

ABSTRACT: The authors criticize the use of the dropping electrode for the investigation of the polarographic behavior of platinum (Refs 1-14). The use of a solid electrode instead of the dropping electrode is more favorable for overcoming the difficulties occurring (Ref 15). There are, however, also some shortcomings. They can be eliminated if a rotating electrode is used. The composition of the paper under discussion was caused by these facts. Figure 1 shows the hermetic cell with a shutter and a rotating electrode. Figure 2 shows the volt-ampere curves of platinum. Figure 3 shows the examination of the reversibility of the reduction of the ion $[PtCl_6]^{2-}$. Table 1 shows the reduction potentials of platinum.

Card 1/3 Table 2 shows the computation of the number of electrons parti-

Polarographic Determination of Platinum on a Rotating
Platinum Microdisk Electrode

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icipating in the reduction reaction of the ion mentioned. Figure 4 shows the dependence of the diffusion current of platinum on the rotation rate of the microdisk electrode. As can be seen, the dependence found here agrees with the theoretical one found by means of the equation of V. Levich (Ref 22). The authors investigated the possibility of polarographing platinum on the background of various electrolytes. They investigated the effect of the nature and concentration of the salts: NaNO_3 , NaCl , NaBr , NaJ , NaClO_4 , etc, further of the buffer solutions: of the acetate- and phosphate-citrate buffer, of HNO_3 , H_2SO_4 , HCl , of ammonia, and other substances. The platinum wave increases to a certain extent (Ref 16) with the increase in the NaNO_3 or HNO_3 concentration. The acidity increase of 10^{-5} to 2 n by a concentration increase of HNO_3 did not influence this wave but, naturally, increased the second wave. The use of NaCl or HCl , instead of nitrate, changes the character of the platinum polarogram. NaBr and NaJ (Fig 5) are still more effective. This indicates the formation of sufficiently solid complexes which practically cannot be reduced on a platinum electrode. The second

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wave corresponding to the hydrogen reduction is preserved in this case. The reduction potential, however, is somewhat shifted towards the more positive range. The authors try to explain this phenomenon. The determination of platinum may be disturbed by oxygen since the reduction potentials of these two elements lie close to each other. Therefore, oxygen has previously to be removed. This is achieved by letting through nitrogen for 30-40 minutes. Further disturbances are caused by the surface condition of the electrode; formation of an oxide film. Various methods for their elimination are suggested in references 24-26. Figure 6 and table 3 show the dependence of the diffusion current on the platinum concentration in the solution. Hence it appears that the average determination accuracy is $\pm 5\%$ in the case of large platinum amounts, and about 10% in the case of small amounts. There are 6 figures, 3 tables, and 26 references, 11 of which are Soviet.

ASSOCIATION: Kishinevskiy gosudarstvennyy universitet, Kafedra analiticheskoy khimii (Kishinev State University, Chair of Analytical Chemistry)

SUBMITTED: January 2, 1958

Card 3/3

5(4)

AUTHORS:

Bardin, M. B., Lyalikov, Yu. S.,
Tenyanko, V. S.

SOV/75-14-1-4/32

TITLE:

On the Question of Using Rotating Platinum Micro-Disc
Electrodes in Polarographic Analysis (K voprosu o primenении
vrashchayushchegosya platinovogo mikrodiskovogo elektroda v
polyarograficheskom analize)

PERI. SOURCE:

Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 1, pp 24-27
(USSR)

ABSTRACT:

Levich (Ref 2) worked out a general quantitative theory of the
disc electrode. In the presence of an indifferent electrolyte
the diffusion current i_d , caused by the reduction of an
uncharged particle or by an ion, obeys to the following equation:

$$i_d = 0.62n F D^{2/3} \omega^{1/2} \nu^{-1/6} c_s$$

where n is the number of electrons participating in the
reaction, F is the Faraday constant, D is the diffusion
coefficient in cm^2/sec , ω is the angular velocity of the
electrode rotation ($= 2\pi m$, m being the number of rotation per
second),

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On the question of using rotating platinum
micro-disc electrodes in polarographic analysis

304,71-14-1-

ν the kinematic viscosity of the liquid in cm^2/sec , c the concentration in mol/l of the ion to be determined, i_{lim} the electrode current in mA . This equation shows that i_{lim} is in many respects similar to the limiting current at a rotating micro-disc electrode. The investigation and the possibilities of their being employed for polarographic analysis is discussed. The authors worked with a visual polarograph following a flooding pulsed current of the types π -H and π -V. In connection with the rotating electrode is depicted and described a small platinum plate used as anode. In agreement with Levich's equation the diffusion currents at the micro-disc electrode were found to be proportional to the concentration and to the square root of the electrode angular velocity. Theoretically calculated results agree with experimental data. Using on Levich's equation the authors calculated the diffusion coefficient of the ion $[\text{As l}_4]^-$ in 0.1 n Na_2SO_4 solution.

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It amounts to $1.2 \cdot 10^{-5} \text{ cm}^2/\text{sec}$ and is in good agreement with data brought by publications (ref 15). Experiments have shown

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That micro-disc electrodes may also be employed for
polarography in the flow. Furthermore, they offer several
advantages as compared with rod electrodes, being simpler,
much easier to clean, and therefore, having longer life.
3 different types of micro-disc electrodes are depicted.
There are 5 figures, 2 tables, and 15 references, 12 of which
are Soviet.

Author: Mishinevskiy gosudarstvennyy universitet
(Mishinev State University)

Date: September 27, 1957

Card 3/3

TEMYANKO, V. Sh., Cand. Chem. Sci. (diss) "Polar-Graphic Identification of Gold, Platinum and Palladium with the Use of Rotating Platinum Micro-disc Electrode," Kishinev, 1961, 13 pp. (Kishinev State Univ.) 165 copies (KL Supp 12-61, 257).

ZIL'BER, D.A., prof.; TEMYAT'YEV, V.V., inzh.

Plenum of the lighting engineering section of the Central
Committee of the Main Administration of the Scientific and
Technical Society of the Power Industry. Svetotekhnika 9
no.10:30-31 0 '63. (MIRA 16:11)

ANDREYEV, N.G., doktor sel'skokhozyaystvennykh nauk, prof.; TEN, A.G.,
aspirant

Fertilizer application as a method for increasing the yield and
quality of hay from meadow grasses. Izv. TSKhA no.4:76-85 '61.
(MIRA 14:9)
(Pastures and meadows--Fertilizers and manures)

TEN, A.G.

Effectiveness of intervarietal transpollination for the
production of red clover seeds. Agrobiologiya no.5:696-
698 S-O '65. (MIRA 18:9)

1. Belorusskaya sel'skokhozyaystvennaya akademiya, Gorki,
Mogilevskoy oblasti.

TEN, D. N.

TEN, D. N.: "The condition of the mucosa of the upper respiratory tract among the population of Kzyl-Orda Oblast, Kazakh SSR". Alma-Ata, 1955. Kazakh State Medical Inst imeni V. M. Molotov.
(Dissertations for the degree of Candidate of Medical Sciences.)

SO: Knizhnaya Letopis' No. 50. 10 December 1955. Moscow.

TEN, D.N., kand.med.nauk

State of the upper respiratory tracts in some diseases of the internal organs. Trudy Semipal. med. inst. 2:271-276 '59. (MIRA 15:4)

1. Iz kliniki bolezney ukha, gorla i nosa Semipalatinskogo gosudarstvennogo meditsinskogo instituta (zv.klinikoy - dotsent B.I.Dumayvitser).

(RESPIRATORY ORGANS--DISEASES)

TEN, D.N., kand.med.nauk

Combination of tumor of the anterior mediastinum and foreign
body in the bronchi. Vest.otorin. 22 no.2:102-103 Mr-Apr '60.
(MIRA 13:12)

1. Iz kafedry bolezney ukha, gorla i nosa (sav. - dotsent B.I.
Dunayvitser) Semipalatinskogo meditsinskogo instituta.
(MEDIASTINUM neoplasms)
(BRONCHI for.bodies)

TEN, I.

TEN, I. -- "The Operation of Wooden Rods under Tension with Central and Eccentric Weaknesses." Min Higher Education USSR. Moscow Order of Labor Red Banner Construction Engineering Inst imeni V. V. Kuybyshev. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences).

So.: Knizhnaya Letopis', no. 2, 1956.

TEN, I., kand.tekhn.nauk

Beginning the use of reinforced concrete shell piles. Avt.dor.
20 no.10:34-36 0 '57. (MIRA 10:12)

(Concrete piling)

TEN, I.A., kand. tekhn. nauk

Using vibration-percussion techniques for formation of enlarged
foundations for pile shells. Avt.dor. 22 no.2:9-10 P '59.
(MIRA 12:2)

(Piling (Civil engineering))

TEN, Igor' Aleksandrovich, kand.tekhn.nauk. Prinimali uchastiye:
BYCHEMKOVA, L.T., mladshiy nauchnyy sotrudnik; KOZLOV, Ye.K.,
mladshiy nauchnyy sotrudnik: YAKOVLEVA, A.I., red.;
NIKOLAYEVA, L.N., tekhn.red.

[Designing high pile foundations of bridges; calculations using
specific centers] Raschet vysokikh svaynykh rostverkov opor
mostov; razvitie metoda rascheta pri pomoshchi kharakternykh
tsentrov. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo
transp. i shosseinykh dorog RSFSR, 1960. 54 p.

(Bridges--Design)

(MIRA 14:1)

BOLDAKOV, Ye.V.; TEN, I.A.

Erosion of river channels and the resistance of bridge supports
during maximum flood flow. Avt.dor. 23 no.2:21-23 P '60.

(Flood) (Bridges--Foundations and piers)
(MIRA 13:5)

TEN, I.A.; POSPELOV, N.D.

Promote the use of glued wooden structures. Avt.dor. 24 no.4:10-11
Ap '61. (MIRA 1445)

(Bridges, Wooden)

TEN, Igor' Aleksandrovich; IVYANSKIY, M.G., red.; DEBERDEYEV,
B.S., red.izd-vz; BODANOVA, A.P., tekhn. red.

[Modern deep foundations for highway bridges] Sovremennye
fundamenty glubokogo zalozenia v avtodorozhnykh mostakh.
Moskva, Avtotransizdat, 1963. 274 p. (MIRA 16:12)
(Bridges—Foundations and piers)

TEN, I.A., kand.tekhn.nauk

The "Benoto" boring machine. Avt.dor. 25 no.7:28-29 JI '62.
(Boring machinery) (MIRA 15:8)

ANDREYEV, Oleg Vladimirovich, kand. tekhn. nauk, dots.; ARTEM'YEV, Sergey Sergeyevich, inzh.; BOLDAKOV, Yevgeniy Vasil'yevich, doktor tekhn. nauk, prof.; ZHURAVLEV, Mark Mikhaylovich, kand. tekhn. nauk; TEN, Igor' Aleksandrovich, kand. tekhn. nauk; KOVRIZHNYKH, L.P., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Calculation of the openings of engineering structures according to limiting states] Raschet otverstii iskusstvennykh sooruzhenii po predel'nyim sostoianiiam. [By] O.V. Andreev i dr. Moskva, Avtotransizdat, 1963. 106 p.

(MIRA 16:4)

(Bridges) (Floods)

TEN, I.A., kand. tekhn. nauk

Effect of the forces of friction on the calculation of foundations
taking the covering into account. Transp. stroi. 14 no.10:
39-41 O '64. (MIRA 18:3)

TEN, K.M.

Methods for the interpretation of magnetic field formation data
under conditions in northwestern Tatarstan. Izv. Kazan. fil.
AN SSSR. Ser. geol. nauk no.10:32-38 '63.

(MIRA 18:6)

TEN, M. P., CHUMAYEV, YU. V. (Candidate of Veterinary Sciences) (Scientific Worker,
Far Eastern NIVI Veterinary Scientific Research Experimental Institute).

"Method for Using a Lapinized Dry Virus Vaccine against Swine Plague."
Veterinariya vol. 38., no. 11., November 1961., p. 45

TEN, M. P.

Alfalfa

Green alfalfa infusion as vitamin-medicinal preparation. Kar. i zver 5 No. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, June 1952 Uncl.

TEN, M.P., kand. veterin. nauk; CHUNAYEV, Yu.V., nauchnyy sotrudnik

Methods for using lapinized dry virus vaccine against hog
cholera. Veterinariia 38 no.11:45-46 N '61 (MIRA 18:1)

1. Dal'nevostochnyy nauchno-issledovatel'skiy veterinarnyy
institut.

TEN, M. P. (Candidate of Veterinary Sciences) and KRIVOSHEYEV, V. F. (Scientific Worker, Far Eastern Scientific Research Veterinary Institute).

"Vaccination of suckling baby pigs against plague"

Veterinariya, vol. 39, no. 9, September 62, p. 31

TEN, M.P., kand. veter. nauk

Some groundless recommendations for the use of trace elements.
Veterinariia 42 no.11:91-92 N '65.

1. Dal'nevostochnyy nauchno-issledovatel'skiy veterinarnyy
institut. (MIRA 19:1)

GALIMZHANOV, K.G.; BOGUSLAVSKIY, R.A.; ISAKOV, V.A.; KUTUZOV, D.S.;
MAL'CHENKO, Yu.I.; TEN, N.A.; GOLOVANOV, A.V., otv. red.
CHASOVIKOVA, Z.I., tekhn. red.

[Progressive practice in working medium-thick ore bodies of
the Sikolovka deposit] Peredovoi opyt razrabotki rudnykh tel
srednei moshchnosti sokol'nogo mestorozhdeniya. [By] K.G.
Galimzhanov i dr. Alma-Ata, TSentr. in-t nauchno-tekhn. in-
formatsii, 1962. 74 p. (MIRA 15:9)
(Kustanay Province--Mining engineering)

TEN, N.A.

Selecting a network for arranging boreholes in the Leninogorsk
Mine. Trudy Inst.gor.dela AN Kazakh.SSR 9:20-27 '62.

(MIRA 15:8)
(Leninogorsk region (East Kazakhstan Province)--Boring)

KUTUZOV, D.S., gornyy inzh.; TEN, N.A., gornyy inzh.; POZDNYAKOV, B.V.,
kand. tekhn. nauk.

Standardization of the consumption of explosives in borehole
breaking of hard ores. Vzryv. delo no.53/10:221-226 '63.
(MIRA 16:8)

1. Leninogorskiy polimetallicheskiy kombinat (for Kutuzov, Ten).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for Pozdnyakov).
(Boring) (Explosives)

ISAKOV, V.A.; KHARTOVICH, Yu.I.; TEN, N.A.

Improving techniques of mining the Sokol deposit.
Trudy Inst. gor. dela AN Kazakh. SSR 13:156-162 '64.
(MIRA 17:7)

BUD'KO, A.V.; KRIVENKOV, N.A.; ARUTYUNOV, E.G.; IOFIN, S.I.; DRONOV, N.I.;
FOKIN, Ya.N.; CHUGUNOV, L.F.; VERGUS, N.G.; KUTUZOV, D.S.; TEN, M.A.;
FILIPPOV, N.I.; SHNAYDER, M.F.

Experiences in using the caving system with end drawing of ore.
Gor. zhur. no.8:22-26 Ag '65. (MIR) 12:10;

1. Institut gornogo dela im. A.A. Skochinskogo (for Bud'ko, Krivenkov, Arutyunov).
2. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy institut tsvetnykh metallov (for Iofin, Dronov, Fokin).
3. Tyrnyauzskiy kombinat (for Chugunov, Vergus).
4. Leningoerskiy polimetallicheskiy kombinat (for Kutuzov, Ten, Filippov, Shnayder).

ISAKOV, V.A.; MALICHENKO, Yu.I.; TEN, N.A.; KHARTOVICH, Yu.I.

Advantage of mining low-grade ores in the "Gokol'noye" deposit
mines. Trudy Inst. gor. dela AN Kazakh. SSR. 19:9-18 '65.
(MIRA 18:12)

URAZAKOV, I.U.; KIM, L.N.; LITVINENKO, M.I.; TEN, O.D.

Treatment of residual manifestations of poliomyelitis in children
with Sary-Bulak mud. Zdrav. Kazakh. 18 no.1:36-41 '98. (MIRA 13:7)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii AN
KazSSR i detbol'nitsa "Askay" Alma-Atinskogo gorzdrava.
(POLIOMYELITIS)

(SARY-BULAK (KAZAKHSTAN)---BATHS, MOOR AND MUD)

USSR / Cultivated Plants. Fruits, Berries, Nutbearing, M-6
Teas.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6462

Author : Ten, P.; Sokolova, A.; Bazarnaya, L.

Inst : Voronezh State Pedagogical Institute

Title : Experiments on the Propagation of Grapes
in the Voronezhskaya Oblast'

Orig Pub : Sb. stud. rabot Voronezhsk. gos. ped. in-t,
1957, vyp 2, 15-19

Abstract : Experiments carried out at the institute
showed that grapes in Voronezhskaya Oblast'
can be successfully propagated with grape
stalks, green scions, and cuttings.

Card 1/1

"APPROVED FOR RELEASE: 07/16/2001

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APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755220017-1"

VASIL'TSOV, V.D.; VOLODARSKIY, L.M.; VOLCHENKO, M.Ya.; GALETSKAYA, R.A.; IROV, N.I.; KARINYA, L.F.; KONOVALOV, Ye.A.; MATVIYEVSKAYA, E.D.; PETRESKU, M.I.; RUDAKOV, Ye.V.; SAYFULINA, L.M.; SKVORTSOVA, A.M.; SOKOLOVA, N.M.; SOTNIKOVA, I.A.; STOLPOV, N.D.; SURKO, Yu.V.; TEN, V.A.; TRIGUBENKO, M.Ye.; FIRSOVA, Yu.V.; SHABUNINA, V.I.; YUMIN, M.N.; RYABUSHKIN, T.V., doktor ekon. nauk, otv. red.; ALAMPYEV, P.M., red.; PAK, G.V., red.; GERASIMOVA, D., tekhn.red.

[Economy of socialist countries, 1960-1962] Ekonomika stran sotsializma, 1960-1962gg. Moskva, Izd-vo "Ekonomika," 1964. 261 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki mirovoy sotsialisticheskoy sistemy.

(Communist countries--Economic conditions)

TEN, V.A.

~~Materials~~ on the feeding of Brachymystax lenok in Lake Marka-Kul'.
Sbor.rab. po ikht. i gidrobiol. no.2:256-261 '59. (MIRA 12:11)
(Marka-Kul', Lake--Salmon) (Fishes--Food)

TEN, V.A.

Feeding of grayling in Lake Marka-Kul'. Sbor.rab. po ikht. i gidro-
biol. no.2:262-266 '59. (MIRA 12:11)
(Marka-Kul', Lake--Grayling) (Fishes--Food)

TEN, V.Kh.

Apparatus for autohemotransfusion in hemorrhage during operation.
Khirurgiia 35 no.10:137-138 O '59. (MIRA 12:12)

1. Iz rayonnoy bol'nitsy Kursavskogo rayona Stavropol'skogo kraya.
(BLOOD TRANSFUSION equipment and supplies)

TEN, V. Kh., zasluzhennyy vrach RSFSR (s'tantsiya Kursavka, Stavropol'skogo
kraya, Novobol'nichnaya ul. d. 110 N.M. Tassokho, dlya V.Kh.Tena)

Metallic osteosynthesis in complicated fractures of the clavicles.
Ortop., travm. i protez. 25 no.4:59 Ap '64 (MIRA 18:1)

1. Iz khirurgicheskogo otdeleniya (zav. V.Kh.Ten) Kursavskoy
bol'nitsy Stavropol'skogo kraia.

POLIKARPOV, G.G.; TEN, V.S.

Study of kinetic features of UI and UX₁ accumulation by representatives of green, brown, and red flags. Nauch. dokl. vys. shkoly; biol. nauki no.2:116-119 '61. (MIRA 14:5)

1. Rekomendovana Sevastopol'skoy biologicheskoy stantsiyey AN SSSR.
(ALGAE) (URANIUM-~~ISOTOPES~~)

POLIKARPOV, G.G.; TEN, V.S.

Kinetic characteristics of the release of strontium-90 by *Cystoseira barbata* (Good. et Wood.). Nauch.dokl.vys.shkoly; biol.nauki no.4: 89-97 '62. (MIRA 15:10)

1. Rekomendovana Sevastopol'skoy biologicheskoy stantsiyey im. Kovalevskogo AN SSSR.

(STRONTIUM—ISOTOPES) (ALGAE)

TENCAR, V.

How to organize a competition in parachute jumping?

P. 26. (KRIDLA VLASTI) (Praha, Czechoslovakia) No. 2, Jan. 1958

SO: Monthly Index of East European Accession (MEAI) LC. Vol. 7, No. 5, 1958

TENCER, E.

Bieszczad, Cz. How should we fight fear? Two contributions to the discussion. p.25.
KRIDL VLASTE, Prague, No. 11, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Unc1.

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